



SEQUENCE LISTING

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TECH CENTER 1600/2900

<110> Barrett, Ronald W.
Dower, William J.
Gallop, Mark
Woiwode, Thomas F.
Cwirla, Steven E.
XenoPort, Inc.

<120> Compounds Displayed on Replicable Genetic Packages and
Methods of Using Same

<130> 019282-000210US

<140> US 09/675,525

<141> 2000-09-29

<150> US 60/156,674

<151> 1999-09-29

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 60

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:genetic element
inserted into phagemid (gene VIII)

<400> 1

gcggccgcws sswswswsws wwwswsssg aattccctat agtgagtcgt attaaagctt 60

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<211> 21

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<223> Description of Artificial Sequence:BirA
biotinylation substrate sequence

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<221> MOD_RES

<222> (11)

<223> Xaa = Lys modified by biotin

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Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
1 5 10 15

Gly Gly Gly Gly Ser
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<210> 3
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<223> Description of Artificial Sequence:5' end of gene
for filamentous phage coat protein pVIII

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ggcgggctta atgatatttt tgaggctcag aagattgagt ggcattgaggg aggcgggggt 60
agc 63

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biotinylation substrate sequence

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<223> Xaa = Lys modified by biotin

11
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1 5 10 15
Glu Trp His Glu
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<210> 5
<211> 71
<212> DNA
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<223> Description of Artificial Sequence:3' end of gene
10B major coat protein of T7 phage

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<210> 6
<211> 58
<212> DNA
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<223> Description of Artificial Sequence:genetic element
inserted into T7 phage vector

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<210> 7
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<212> PRT
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<220>
<223> Description of Artificial Sequence:mAb 3E7 epitope
peptide

Handwritten signature
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1 5
